

What is claimed is:

1       1. A method comprising:  
2           detecting a failure in a request for a file made by a  
3 program running on a device; and  
4           initiating a repair mechanism that is configured to  
5 repair the failure.

1       2. The method of claim 1 further comprising monitoring  
2 for a failure in a request for a file made by the program  
3 running on the device.

1       3. The method of claim 2 further comprising  
2 automatically performing the monitoring throughout the running  
3 of the program on the device.

1       4. The method of claim 1 further comprising configuring  
2 the device to perform the detecting from a location remote  
3 from the device.

1       5. The method of claim 1 further comprising repairing  
2 the failure with the repair mechanism.

1       6. The method of claim 1 further comprising restarting  
2 the program after the repair mechanism repairs the failure.

1       7. The method of claim 1 in which a user of the device  
2 can determine the repair mechanism.

1       8. The method of claim 1 in which a user of the device  
2 can initiate the repair mechanism.

1       9. The method of claim 1 further comprising searching a  
2 collection of data including a plurality of repair mechanisms  
3 and a plurality of programs associated with each of the  
4 plurality of repair mechanisms for a repair mechanism that is  
5 configured to repair the program.

1       10. The method of claim 1 further comprising notifying a  
2 location remote from the device whether the repair mechanism  
3 successfully repaired the failure.

1       11. The method of claim 1 further comprising recording  
2 the detected failure in a collection of data at a location  
3 remote from the device.

1       12. The method of claim 1 further comprising configuring  
2 a collection of data at a location remote from the device to  
3 include a plurality of repair mechanisms and a plurality of  
4 programs, each of the plurality of programs associated with a  
5 repair mechanism included in the plurality of repair  
6 mechanisms.

1       13. The method of claim 12 further comprising  
2 transmitting the collection of data to the device.

1       14. An article comprising:  
2            a machine-readable medium which contains  
3            machine-executable instructions, the instructions causing a  
4            machine to:  
5                  detect a failure in a request for a file made by a  
6                  program running on a device; and  
7                  initiate a repair mechanism to repair the failure.

1       15. The article of claim 14 further causing a machine to  
2       monitor for a failure in a request for a file made by the  
3       program running on the device.

1       16. The article of claim 15 further causing a machine to  
2       automatically perform the monitoring throughout the running of  
3       the program on the device.

1       17. The article of claim 14 further causing a machine to  
2       configure the device to perform the detecting from a device at  
3       a location remote from the device.

1       18. The article of claim 14 further causing a machine to  
2       repair the failure with the repair mechanism.

1       19. The article of claim 14 further causing a machine to  
2       restart the program after the repair mechanism repairs the  
3       failure.

1           20. The article of claim 14 further causing a machine to  
2 search a collection of data including a plurality of repair  
3 mechanisms and a plurality of programs associated with each of  
4 the plurality of repair mechanisms for a repair mechanism that  
5 is configured to repair the program.

1           21. The article of claim 14 further causing a machine to  
2 notify a location remote from the device whether the repair  
3 mechanism successfully repaired the detected failure.

1           22. The article of claim 14 further causing a machine to  
2 record the failure in a collection of data at a location  
3 remote from the device.

1           23. A system comprising:  
2                 a first device configured to run a program;  
3                 a mechanism included in the first device and configured  
4 to detect a failure in a request for a file made by the  
5 program and to initiate a repair mechanism configured to  
6 repair the failure;  
7                 a second device configured to configure the mechanism and  
8 to provide the mechanism to the first device; and  
9                 a third device configured to track failures detected by  
10 the mechanism.

1           24. The system of claim 23 in which the mechanism is  
2 also configured to search a collection of data including a  
3 plurality of repair mechanisms and a plurality of programs  
4 associated with each of the plurality of repair mechanisms for  
5 a repair mechanism that is configured to repair the program.

1           25. The system of claim 24 in which the second device is  
2 also configured to configure the collection of data and to  
3 provide the collection of data to the first device.

1           26. The system of claim 23 in which the second device is  
2 at a location remote from the first device.

1           27. The system of claim 23 in which the third device is  
2 at a location remote from the first device.

1           28. The system of claim 23 in which the mechanism is  
2 also configured to perform the repair with the repair  
3 mechanism.

1           29. The system of claim 23 in which the mechanism is  
2 also configured to monitor for a failure in a request for a  
3 file made by the program.

1           30. The system of claim 23 in which the third device is  
2 also configured to notify the second device of the failure.